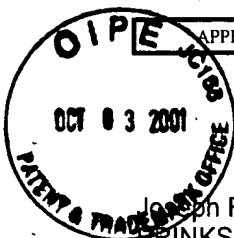


#3



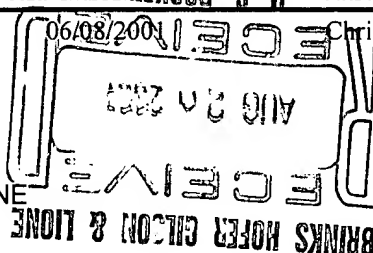
## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov



APPLICATION NUMBER	FILING/RECEIVED	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/877,720	06/08/2001	Christopher S. Moore	10519/32

Joseph F. Hetz  
BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, IL 60610



CONFIRMATION NO. 8937

## FORMALITIES LETTER



\*OC000000006428128\*

Date Mailed: 08/15/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

10/05/2001 SZEWDIE1 00000032 09877720

01 FC:101 740.00 OP  
02 FC:105 130.00 OP  
03 FC:197 240.00 OP

FILED UNDER 37 CFR 1.53(b) 10/10/2001 SZEWDIE1 00000002 231925 09877720

Filing Date Granted 01 FC:104 40.00 CH 240.00 OP

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$270.  
  - \$270 for multiple dependent claim surcharge.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1110.**

Adjustment date: 10/10/2001 SZEWDIE1  
10/05/2001 SZEWDIE1 00000032 09877720  
03 FC:197 -240.00 OP

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

***A copy of this notice MUST be returned with the reply.***

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

Time	Temperature	Pressure	Flow rate	Concentration	Viscosity	Density	Surface tension	Electrical conductivity	Thermal conductivity	Specific heat	Thermal expansion coefficient	Thermal diffusivity	Prandtl number	Schmidt number	Lewis number	Grashof number	Nusselt number	Reynolds number	Prandtl number	Schmidt number	Lewis number	Grashof number	Nusselt number	Reynolds number
0.00	20.0	1.013	0.001	0.001	0.001	1.000	0.072	0.001	0.026	1.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000
0.01	20.0	1.013	0.001	0.001	0.001	1.000	0.072	0.001	0.026	1.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000
0.02	20.0	1.013	0.001	0.001	0.001	1.000	0.072	0.001	0.026	1.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000
0.03	20.0	1.013	0.001	0.001	0.001	1.000	0.072	0.001	0.026	1.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000
0.04	20.0	1.013	0.001	0.001	0.001	1.000	0.072	0.001	0.026	1.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000
0.05	20.0	1.013	0.001	0.001	0.001	1.000	0.072	0.001	0.026	1.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000
0.06	20.0	1.013	0.001	0.001	0.001	1.000	0.072	0.001	0.026	1.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000
0.07	20.0	1.013	0.001	0.001	0.001	1.000	0.072	0.001	0.026	1.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000
0.08	20.0	1.013	0.001	0.001	0.001	1.000	0.072	0.001	0.026	1.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000
0.09	20.0	1.013	0.001	0.001	0.001	1.000	0.072	0.001	0.026	1.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000
0.10	20.0	1.013	0.001	0.001	0.001	1.000	0.072	0.001	0.026	1.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000
0.11	20.0	1.013	0.001	0.001	0.001	1.000	0.072	0.001	0.026	1.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000
0.12	20.0	1.013	0.001	0.001	0.001	1.000	0.072	0.001	0.026	1.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000
0.13	20.0	1.013	0.001	0.001	0.001	1.000	0.072	0.001	0.026	1.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000	0.71	0.71	0.71	0.000	0.000	0.000
0.14	20.0																							

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on September 28, 2001

Date of Deposit

Joseph F. Hetz, Esq. – Reg. No. 41,070

Name of applicant, assignee or  
Registered Representative

Signature



Case No. 10519/32

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

CHRISTOPHER S. MOORE ET AL.

Serial No: 09/877,720

Examiner: Not Yet Assigned

Filed: June 8, 2001

Group Art Unit: 2818

For: MEMORY DEVICE AND METHOD  
FOR STORING AND READING  
DATA IN A WRITE-ONCE  
MEMORY ARRAY

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF  
NONPROVISIONAL APPLICATION FILING DATE GRANTED**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:


In accordance with the Notice to File Missing Parts of Nonprovisional Application Filing Date Granted dated August 15, 2001, a copy of which is attached, enclosed herewith for filing are the following documents:

- ☒ Fully executed Declaration for Patent Application (2 pages), Assignment (5 pages) and Power of Attorney (1 page) for the above-referenced patent application.

- ☒ Applicant is:
- ☐ a small entity, verified statement is:
- ☐ attached
- ☐ already filed
- ☒ other than small entity
- ☒ 1 Check totaling \$1,110.00 for:
- ☒ Filing Fee of \$710.00.
- ☒ Surcharge of \$130.00.
- ☒ Additional Claim Fees of \$270.00.
- ☒ 1 Check totaling \$40.00 for:
- ☒ Assignment Recordation Fee of \$40.00.
- ☒ Other: Information Disclosure Statement (2 pages); Form PTO-1449 (3 pages); 8 U.S. References; 1 Foreign Reference; 32 Other Art References; Substitute Drawings (9 Sheets); Postcard Receipt.
- ☒ The Commissioner is hereby authorized to charge any deficiencies in fees or credit overpayment to Deposit Account No. 23-1925. A duplicate copy of this paper is enclosed.

Respectfully submitted,

Dated: September 28, 2001

  
\_\_\_\_\_  
Joseph F. Hetz  
Registration No. 41,070  
Attorney for Applicant

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, IL 60610  
(312)321-4200

rev. Jan-97

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501301

TRANSMITTAL LETTER			Case No. 10519/32
Serial No. 09/877,720	Filing Date June 8, 2001	Examiner Not Yet Assigned	Group Art Unit 2818
Inventor(s) CHRISTOPHER S. MOORE ET AL.			
Title of Invention MEMORY DEVICE AND METHOD FOR STORING AND READING DATA IN A WRITE-ONCE MEMORY ARRAY			

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is Notice to File Missing Parts of Nonprovisional Application (2 pages); Response to Notice to File Missing Parts of Nonprovisional Application (2 pages in duplicate); Fully executed Declaration for Patent Application (2 pages); Power of Attorney (1 page); Assignment (5 pages); Assignment Recordation Cover Sheet (1 page); Check-\$40.00 for Assignment Recordation Fee; Information Disclosure Statement (2 pages); Form PTO-1449 (3 pages); 8 U.S. References; 1 Foreign Reference; 32 Other Art References; Substitute Drawings (9 Sheets); Postcard Receipt.

- ☐ Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 CFR §§ 1.9 and 1.27 is enclosed.
- ☐ Petition for a \_\_\_\_\_ month extension of time.
- ☐ The fee has been calculated as shown below:

	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra
Total		Minus		
Indep.		Minus		
First Presentation of Multiple Dep. Claim				

Small Entity	
Rate	Add'l Fee
x \$9 =	
x 40 =	
+ \$135 =	
Total add'l fee	\$

Other Than Small Entity	
Rate	Add'l Fee
x \$18 =	
x \$80 =	
+ \$270 =	
total add'l fee	\$

- ☐ Please charge Deposit Account No. 23-1925 (BRINKS HOFER GILSON & LIONE) in the amount of \$\_\_\_\_\_. A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$1,110.00 to cover the filing fee of \$710.00; and the surcharge fee of \$130.00 and the additional claims fee of \$270.00 is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
- ☒ I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Joseph F. Hetz  
Registration No. 41,070  
Attorney for Applicant

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, ILLINOIS 60610  
(312) 321-4200

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on September 28, 2001.

Date: September 28 2001

Signature: \_\_\_\_\_

rev. Dec.-99

C:\Joe\MATRIX Semiconductor\PTO Filings\10519-32 Miss Part Resp, F. Papers, IDS, 1449 Trans.doc